| Issue | Classification |  |
|-------|----------------|--|
|       |                |  |

| 1   | Application No.    | Applicant(s)  |  |
|-----|--------------------|---------------|--|
| 1   | 10/045,766         | TUTTLE ET AL. |  |
| E   | Examiner           | Art Unit      |  |
|     |                    |               |  |
| 1 4 | Andre' C Stevenson | 2812          |  |

| ISSUE CLASSIFICATION         |                             |          |             |                   |                   |        |                                     |          |          |             |      |                        |            |  |       |            |         |       |            |
|------------------------------|-----------------------------|----------|-------------|-------------------|-------------------|--------|-------------------------------------|----------|----------|-------------|------|------------------------|------------|--|-------|------------|---------|-------|------------|
|                              | ORIGINAL CROSS REFERENCE(S) |          |             |                   |                   |        |                                     |          |          |             |      |                        |            |  |       |            |         |       |            |
| CL                           | ASS                         |          | SUBCL       | ASS               | C                 | LASS   | S SUBCLASS (ONE SUBCLASS PER BLOCK) |          |          |             |      |                        |            |  |       |            |         |       |            |
| 257 653                      |                             |          |             |                   |                   |        |                                     |          |          |             |      |                        |            |  |       |            |         |       |            |
| INTERNATIONAL CLASSIFICATION |                             |          |             |                   |                   |        |                                     |          |          |             |      |                        |            |  |       |            |         |       |            |
| H 0 1 L 37/0352              |                             |          |             |                   |                   |        |                                     |          |          |             |      |                        |            |  |       |            |         |       |            |
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|                              |                             |          | - I         |                   |                   |        |                                     |          |          |             |      |                        |            |  |       |            |         |       |            |
|                              |                             |          | , 1         | 1                 |                   |        |                                     |          |          |             |      |                        |            |  |       |            |         |       |            |
|                              | r                           | 1 4      | 9           |                   |                   |        | ÍΝ                                  |          | 1        | ý i         |      |                        |            |  | 2000  |            |         |       |            |
| Ande                         |                             | Ste      | wer         | ₩<br>~ ^0/        | 40/04             |        | M                                   | a        | /\_      |             |      |                        | - 1        |  | Total | Claim      | ıs Allo | wed:  | 10         |
| · · · ·                      |                             |          |             | iii UO/<br>ir) (E | 19/04             |        |                                     | 7 –      |          |             |      | 8/23/19                |            |  |       |            |         |       |            |
| 17                           |                             | J.       |             | • / ( .           | ,aio <sub>)</sub> |        |                                     |          | . Niebli |             |      | 41-11-                 |            |  |       | O.G.       |         | െ     | G.         |
| 1 4                          | 1)                          | 81241    | 140         |                   |                   |        | Super                               | visory I | Patent E | xemin       | er   |                        |            |  |       | Claim(     | s)      |       | t Fig.     |
| (L                           | egal In                     | strumei  | nts Exa     | miner)            | (Date             | )      | Tect                                | nologi   | macker.  | arfiriner)) |      | (Date)                 |            |  |       | 4          |         |       |            |
| 1 4                          |                             |          |             |                   |                   |        |                                     |          |          |             |      |                        |            |  |       |            |         |       |            |
|                              | Claims                      | renui    | mbere       | d in th           | e sam             | e orde | er as p                             | oreser   | ited by  | / appli     | cant | ОС                     | ———<br>РА  |  | □ T.  | D.         |         | □ R.  | 1.47       |
|                              | m                           |          |             | <u>a</u>          |                   |        | <u>m</u>                            |          |          | 777         |      |                        | 1.:        |  |       |            |         |       |            |
| Final                        | Original                    |          | Final       | Original          |                   | Final  | Original                            |          | Final    | Original    |      | Final                  | Original   |  | Final | Original   |         | Final | Original   |
| i i I                        | Ö                           |          | ΙĒ          | Ö                 |                   | ίĽ     | Ö                                   |          | 证        | Ö           |      | i E                    | Ö          |  | ijΞ   | Ö          |         | Ή     | Ö          |
| 1                            | 1                           | 1        |             | 31                |                   |        | 61                                  |          |          | 91          |      |                        | 121        |  |       | 151        |         |       | 181        |
| <u> </u>                     | 2                           |          |             | 32                |                   |        | 62                                  |          |          | 92          |      |                        | 122        |  |       | 152        |         |       | 182        |
|                              | 3                           |          |             | 33                |                   |        | 63                                  |          |          | 93          |      |                        | 123        |  |       | 153        |         |       | 183        |
| 2                            | 4                           | 1        |             | 34                |                   |        | 64                                  |          |          | 94          |      |                        | 124        |  |       | 154        |         |       | 184        |
| 3                            | 5                           |          |             | 35                |                   |        | 65                                  |          |          | 95          |      |                        | 125        |  |       | 155        |         |       | 185        |
|                              | 6                           |          |             | 36                |                   |        | 66                                  |          |          | 96          |      |                        | 126        |  |       | 156        |         |       | 186        |
|                              | 7                           |          |             | 37                |                   |        | 67                                  |          |          | 97          |      |                        | 127        |  |       | 157        |         |       | 187        |
|                              | 8                           | -        |             | 38                |                   |        | 68                                  |          |          | 98          |      |                        | 128        |  |       | 158        |         |       | 188        |
|                              | 9                           | -        |             | 39                |                   |        | 69                                  |          | <b> </b> | 99          |      |                        | 129        |  |       | 159        |         |       | 189        |
| 4                            | 10                          | 1        |             | 40                |                   |        | 70<br>71                            |          | -        | 100         |      |                        | 130        |  |       | 160        |         |       | 190        |
| <del></del>                  | 12                          | 1        |             | 42                |                   |        | 72                                  |          | -        | 101<br>102  |      |                        | 131<br>132 |  |       | 161<br>162 |         |       | 191<br>192 |
|                              | 13                          | 1        |             | 43                |                   |        | 73                                  |          |          | 103         |      |                        | 133        |  |       | 163        |         |       | 192        |
| 5                            | 14                          | 1        |             | 44                |                   |        | 74                                  |          |          | 104         |      |                        | 134        |  |       | 164        |         |       | 194        |
| 6                            | 15                          | 1        |             | 45                |                   |        | 75                                  | 1        |          | 105         |      |                        | 135        |  |       | 165        |         |       | 195        |
| 7                            | 16                          |          |             | 46                |                   |        | 76                                  |          |          | 106         |      |                        | 136        |  |       | 166        |         |       | 196        |
| 8                            | 17                          |          |             | 47                |                   |        | 77                                  |          |          | 107         |      |                        | 137        |  |       | 167        |         |       | 197        |
|                              | 18                          |          |             | 48                |                   |        | 78                                  |          |          | 108         |      |                        | 138        |  |       | 168        |         |       | 198        |
| 9                            | 19                          | <b>.</b> |             | 49                |                   |        | 79                                  |          | <u> </u> | 109         |      |                        | 139        |  |       | 169        |         |       | 199        |
| 10                           | 20                          | 1        |             | 50                |                   |        | 80                                  |          |          | 110         |      |                        | 140        |  |       | 170        |         |       | 200        |
|                              | 21                          | 1        |             | 51<br>52          |                   | _      | 81<br>82                            |          | <b> </b> | 111<br>112  |      |                        | 141        |  |       | 171        |         |       | 201        |
|                              | 23                          | 1        | -           | 53                |                   |        | 83                                  |          |          | 113         |      |                        | 142<br>143 |  |       | 172<br>173 |         |       | 202        |
|                              | 24                          | 1        |             | 54                |                   |        | 84                                  |          |          | 114         |      |                        | 144        |  |       | 174        |         |       | 203        |
|                              | 25                          | 1        |             | 55                |                   |        | 85                                  |          | -        | 115         |      |                        | 145        |  |       | 175        |         |       | 205        |
|                              | 26                          | 1        |             | 56                |                   |        | 86                                  |          |          | 116         |      |                        | 146        |  |       | 176        |         |       | 206        |
|                              | 27                          |          |             | 57                |                   |        | 87                                  |          |          | 117         |      |                        | 147        |  |       | 177        |         |       | 207        |
|                              | 28                          |          |             | 58                |                   |        | 88                                  |          |          | 118         |      |                        | 148        |  |       | 178        |         |       | 208        |
|                              | 29                          |          | 1           | 59                |                   |        | 89                                  |          |          | 119         |      |                        | 149        |  |       | 179        |         |       | 209        |

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